

**IN THE CLAIMS:**

Please enter any changes in the claims indicated in the complete copy of the pending claims, as sought to be amended, presented below:

1-11. **(Canceled).**

12. **(Previously Presented)** A method of forming transmission lines and openings for buried passive components in green tapes comprising  
embossing a channel directly on the surface of a green tape using heat and pressure sufficient to transfer the pattern from the embossing tool to the green tape,  
screen printing a suitable ink into the channel to fill the channel,  
covering the filled channel with a second green tape, and  
firing the green tapes and ink to remove organic materials in the green tapes and ink and densify the green tape.

13. **(Previously Presented)** The method of claim 12, wherein embossing is conducted with tools heated to 115 to 200°F.

14. **(Previously Presented)** The method of claim 13, wherein embossing is conducted using a pressure of 1200 to 2400 psi.

15. **(Currently Amended)** The method of claim 12, wherein the embossed ~~transmission line channels are~~ channel is filled with conductive ink.

16. **(Previously Presented)** The method of claim 15, wherein the conductive ink includes silver powder and an organic vehicle to provide a viscosity of about 30 poise.

17. **(Previously Presented)** The method of claim 12, wherein the embossed channel is filled with a resistor ink.

18. **(Previously Presented)** The method of claim 12, wherein the embossed channel is filled with a capacitor ink.

19. **(Previously Presented)** The method of claim 18, wherein the capacitor ink includes lead magnesium niobate.

20. **(Previously Presented)** The method of claim 18, wherein the capacitor ink includes barium titanate.

21. **(Previously Presented)** The method of claim 12, wherein more than one screen printing step is used to fill the channel.

22. **(Previously Presented)** A method of forming transmission lines and openings for buried passive components in green tapes comprising  
embossing a channel directly on the surface of a green tape using heat and pressure sufficient to transfer the pattern from the embossing tool to the green tape,  
screen printing a suitable ink into the channel to fill the channel,  
covering the filled channel with a second green tape,  
aligning and laminating the green tapes onto a metal support coated with a low melt temperature glass, and  
firing the green tapes to remove organic materials in the green tapes and ink and densify the green tape.

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**Conclusion**

In light of these amendments and the remarks in the response to the Office Action, it is respectfully submitted that the Amendment should be entered, the rejections should be withdrawn, and that the application is in condition for allowance.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Arthur E. Jackson", with a stylized, flowing script.

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